



Lincoln-Lancaster County
Health Department

Lincoln-Lancaster County Health Department Air Quality Program 40 CFR Part 63 Subpart ZZZZ – Initial Notification / Notification of Compliance Status

What is the purpose of this rule?

- The United States Environmental Protection Agency (US EPA) issued [40 CFR Part 63, Subpart ZZZZ \(National Emission Standards for Hazardous Air Pollutants for Source Category: Stationary Reciprocating Internal Combustion Engines\)](#) to establish emission limitations and operating limitations to reduce/control hazardous air pollutants (HAP) emitted from stationary reciprocating internal combustion engines (RICE) located at major and area sources of HAP emissions. An *area source* is a facility with total potential to emit less than 10 tons of any individual HAP, and less than 25 tons of total combined HAPs. A *major source* is a facility with the total potential to emit either 10 tons or more of any individual HAP, or 25 tons or more of total combined HAPs.

Who is subject to this rule?

- You are subject to this rule if you own or operate a stationary RICE at a major or area source of HAP emissions, except if the stationary RICE is being tested at a stationary RICE test cell/stand.

Are any engines not covered by this rule?

- The following engines are not subject to regulation under this rule:
 - Engines being tested at a stationary RICE test cell/stand.
 - Non-road engines as defined at 40 CFR §1068.30.
 - Engines used to propel a motor vehicle or a vehicle used solely for competitions.
 - Existing residential, commercial, and institutional emergency RICE at *area sources* used ≤ 15 hours/year for emergency demand response, provided they are not also used for local reliability.

What is the purpose of this form, and who needs to submit it?

- The purpose of this form is to notify the Lincoln-Lancaster County Health Department (LLCHD) and the US EPA that your facility is subject to the requirements of this rule, and to provide those agencies with needed information.
- You **must** complete and submit this form to both the LLCHD and US EPA if you own/operate any of the following:
 - An existing stationary RICE located at an *area source* of HAPs.
 - An existing stationary RICE less than or equal to 500 horsepower located at a *major source* of HAPs.
 - Any (new, existing, or reconstructed) stationary RICE greater 500 horsepower located at a *major source* of HAPs.
 - New or reconstructed stationary 'four-stroke lean burn' RICE greater than or equal to 250 horsepower located at a *major source* of HAPs.
- **You do not need to submit this form if your engine is new or reconstructed pursuant to 40 CFR Part 60 Subpart IIII or Subpart JJJJ.**
- This document **must** be signed and certified by an individual who meets the definition of a 'Responsible Official' set forth in [Article 2, Section 1 of the Lincoln-Lancaster County Air Pollution Control Program Regulations and Standards](#).

How do I determine if my engine is 'existing' or 'new'?

- Your engine is **existing** if it is:
 - > 500 HP at a major source of HAP and installed or built on-site before Dec 19, 2002; or
 - ≤ 500 HP at a major source of HAP and installed or built on-site before June 12, 2006; or
 - At an area source of HAP and installed or built on-site before June 12, 2006.
- Your engine is **new** if it is not 'existing' as described above. A change of ownership does not change this status.

Where do I send the completed form?

- Send a copy of the signed and completed form to each of the following. Keep an additional copy for your records.

Lincoln-Lancaster County Health Department
ATTN: Air Quality Program
3131 O Street
Lincoln, NE 68510

US EPA Region 7
ATTN: AWMD-APCO
11201 Renner Blvd.
Lenexa, KS 66219

If you have any questions about this rule, or need any help completing this form, please call the LLCHD Air Quality Program at (402) 441-8040.

Section 4: Description of Affected Source

Please indicate your source's classification:

This source is a 'major source' of hazardous air pollutants.

This source is an 'area source' of hazardous air pollutants.

Please provide the following information for all stationary RICE at your source. Duplicate this page as needed.

Unit #	New or Existing	Start-Up Date	hp Rating	Displacement (liters/cyl)	Fuel(s) Burned ¹ (NG/O/G/PR)	Ignition Type	Spark Ignition Type	Emergency Only?	Limited Use?
	<input type="checkbox"/> New <input type="checkbox"/> Existing	/ /				<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> 4SRB <input type="checkbox"/> 4SLB <input type="checkbox"/> 2SLB	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No
	<input type="checkbox"/> New <input type="checkbox"/> Existing	/ /				<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> 4SRB <input type="checkbox"/> 4SLB <input type="checkbox"/> 2SLB	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No
	<input type="checkbox"/> New <input type="checkbox"/> Existing	/ /				<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> 4SRB <input type="checkbox"/> 4SLB <input type="checkbox"/> 2SLB	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No
	<input type="checkbox"/> New <input type="checkbox"/> Existing	/ /				<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> 4SRB <input type="checkbox"/> 4SLB <input type="checkbox"/> 2SLB	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No
	<input type="checkbox"/> New <input type="checkbox"/> Existing	/ /				<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> 4SRB <input type="checkbox"/> 4SLB <input type="checkbox"/> 2SLB	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No
	<input type="checkbox"/> New <input type="checkbox"/> Existing	/ /				<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> 4SRB <input type="checkbox"/> 4SLB <input type="checkbox"/> 2SLB	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No
	<input type="checkbox"/> New <input type="checkbox"/> Existing	/ /				<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> 4SRB <input type="checkbox"/> 4SLB <input type="checkbox"/> 2SLB	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No
	<input type="checkbox"/> New <input type="checkbox"/> Existing	/ /				<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> 4SRB <input type="checkbox"/> 4SLB <input type="checkbox"/> 2SLB	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No
	<input type="checkbox"/> New <input type="checkbox"/> Existing	/ /				<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> 4SRB <input type="checkbox"/> 4SLB <input type="checkbox"/> 2SLB	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No
	<input type="checkbox"/> New <input type="checkbox"/> Existing	/ /				<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> 4SRB <input type="checkbox"/> 4SLB <input type="checkbox"/> 2SLB	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No
	<input type="checkbox"/> New <input type="checkbox"/> Existing	/ /				<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> 4SRB <input type="checkbox"/> 4SLB <input type="checkbox"/> 2SLB	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No
	<input type="checkbox"/> New <input type="checkbox"/> Existing	/ /				<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> 4SRB <input type="checkbox"/> 4SLB <input type="checkbox"/> 2SLB	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No
	<input type="checkbox"/> New <input type="checkbox"/> Existing	/ /				<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> 4SRB <input type="checkbox"/> 4SLB <input type="checkbox"/> 2SLB	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No

¹ – NG = Natural Gas O = Fuel Oil G = Gasoline PR = Propane

Section 5: Compliance Certification

Complete the following section only if you are certifying compliance with Subpart ZZZZ at this time. If you are electing not to certify compliance at this time, you may disregard the following pages and submit Sections 1 through 4 of this form as instructed on the cover page.

1. Please indicate the compliance method/test method used to demonstrate compliance for each unit, and provide a description of the compliance demonstration results.

Unit #	Compliance or Test Method	Date of Compliance/ Performance Test	Compliance Demonstration Results

2. If you are using an add-on control device to demonstrate compliance with a numerical emission limit, please provide the following information for each applicable unit at your source.

Unit #	Unit Location	Engine Ignition Type	Control Device	Control Efficiency (%)	HAP Controlled

3. If you have conducted performance tests to demonstrate compliance with a pollutant removal efficiency requirement, or a numerical emission limit, provide the following information.

Unit #	Unit Location	Test Date	Pollutant	% Pollutant Reduction	Pollutant Concentration	Control Device Operating Parameter	Control Device Parameter Reading

Subpart ZZZZ Initial Notification Form – Additional Information

Who needs to complete and submit the initial notification form?

- (1) Major sources of HAP with any of the following stationary engines:
 - (a) Existing RICE \leq 500 HP;
 - (b) Any RICE $>$ 500 HP; or
 - (c) New or reconstructed 4SLB RICE \geq 250 HP.

- (2) Area sources of HAP with any of the following stationary engines:
 - (a) Existing RICE.

Who does not need to complete and submit the initial notification form?

The following stationary engines are not subject to the initial notification requirements:

- (1) Existing RICE $<$ 100 HP;
- (2) Existing emergency RICE;
- (3) Existing RICE that are not subject to any numerical emission standards;
- (4) New or reconstructed engines subject to the New Source Performance Standards under 40 CFR Part 60; and
- (5) Sources not subject to the requirements of NESHAP Subpart ZZZZ (see below).

Is my engine classified as existing or new?

- (1) Your engine is considered existing under NESHAP Subpart ZZZZ if it is:
 - (a) $>$ 500 HP at a major source of HAP and installed or built on-site before Dec 19, 2002; or
 - (b) \leq 500 HP at a major source of HAP and installed or built on-site before June 12, 2006; or
 - (c) At an area source of HAP and installed or built on-site before June 12, 2006.
- (2) Your engine is considered new if it was installed, built on-site, or reconstructed on or after the above dates. A change in ownership of an existing engine does not reclassify the engine as new.

When do I need to submit my initial notification?

You must submit your initial notification by the applicable date shown below.

- (1) Major Sources of HAPs
 - (a) RICE startup before Aug 16, 2004
 - (i) \leq 500 HP = July 16, 2008
 - (ii) $>$ 500 HP = Dec 13, 2004
 - (b) RICE startup on or after Aug 16, 2004
 - (i) Existing RICE = Aug 31, 2010
 - (ii) New or Reconstructed RICE = July 30, 2013 or within 120 days of becoming subject, whichever is later.
- (2) Area Sources of HAPs
 - (a) Aug 31, 2010 or within 120 days of becoming subject, whichever is later.

Additional information for the 'Notification of Compliance Status' can be found on the following page.

Subpart ZZZZ Notification of Compliance Status Form – Additional Information

When do I have to comply with Subpart ZZZZ?

You must comply with applicable emission limitations, operating limits, and other requirements by the applicable dates shown below.

- (1) Major Sources of HAPs
 - (a) Existing RICE
 - (i) \leq 500 HP
 - (a) CI RICE = May 3, 2013
 - (b) SI RICE = Oct 19, 2013
 - (ii) $>$ 500 HP
 - (a) All RICE except non-emergency CI RICE = June 15, 2007
 - (b) Non-emergency CI RICE = May 3, 2013
 - (b) New or Reconstructed RICE
 - (i) \leq 500 HP
 - (a) Startup before Jan 18, 2008 = Jan 18, 2008
 - (b) Startup on or after Jan 18, 2008 = Upon startup
 - (ii) $>$ 500 HP
 - (a) Startup before Aug 16, 2004 = Aug 16, 2004
 - (b) Startup on or after Aug 16, 2004 = Upon startup
- (2) Area Sources of HAPs
 - (a) Existing RICE
 - (i) CI RICE = May 3, 2013
 - (ii) SI RICE = Oct 19, 2013
 - (b) New or Reconstructed RICE
 - (i) Startup before Jan 18, 2008 = Jan 18, 2008
 - (ii) Startup on or after Jan 18, 2008 = Upon startup

Who is not subject to the requirements in Subpart ZZZZ?

- (1) The following engines are subject to Subpart ZZZZ, but have **no emission requirements**:
 - (a) Existing engines $>$ 500 HP at Major Sources of HAP that are:
 - (i) Limited Use (i.e., operates less than 100 hours/year);
 - (ii) Emergency;
 - (iii) Spark Ignition 2SLB or 4SLB; or
 - (iv) Landfill/digester gas (i.e., engines that combust landfill gas or digester gas equal to 10% or more of the gross heat input of the engine on an annual basis
- (2) The following engines **are not subject to NESHAP Subpart ZZZZ**:
 - (a) Existing residential, commercial, or institutional emergency RICE at Area Sources of HAP that are used \leq 15 hours/year for emergency demand response, provided they are not also used for local reliability (i.e., voltage deviation response).

When do I have to submit the Compliance Status Notification Form?

- (1) You must submit the Compliance Status Notification Form by the following deadlines:
 - (a) Within 60 days of the performance test for each engine; or
 - (b) Within 30 days of the initial compliance demonstration if no test is required.
- (2) Sources subject to only the work practice requirements **are not required to submit this form**.